



HOME OWNER / INSTALLER FOR YOUR SAFETY

THIS MANUAL MUST BE READ IN ITS ENTIRETY BEFORE OPERATING HEATER.

GAS INFRA-RED RADIANT HEATER Tropic Space Heater REH-20DT REH-30DT

Owner's Operation and Installation Manual

THIS IS AN UNVENTED GAS-FIRED HEATER. IT USES AIR (OXYGEN) FROM THE ROOM IN WHICH IT IS INSTALLED. PROVISIONS FOR ADEQUATE COMBUSTION AND VENTILATION AIR MUST BE PROVIDED. REFER TO INSTALLATION INSTRUCTIONS ON PAGE 2.

WARNING: IF THE INFORMATION IN THIS MANUAL IS NOT FOLLOWED EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.

DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE.

WHAT TO DO IF YOU SMELL GAS

- DO NOT TRY TO LIGHT ANY APPLIANCE.
- DO NOT TOUCH ANY ELECTRICAL SWITCH; DO NOT USE ANY PHONE IN YOUR BUILDING.
- IMMEDIATELY CALL YOUR GAS SUPPLIER FROM A NEIGHBOR'S PHONE. FOLLOW THE GAS SUPPLIER'S INSTRUCTIONS.
- IF YOU CANNOT REACH YOUR GAS SUPPLIER, CALL THE FIRE DEPARTMENT.

INSTALLATION AND SERVICE MUST BE PERFORMED BY A QUALIFIED INSTALLER, SERVICE AGENCY OR THE GAS SUPPLIER.

This appliance may be installed in an aftermarket, permanently located, manufactured (mobile) home, where not prohibited by local codes. This appliance is for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases.

INSTALLER: MUST LEAVE MANUAL WITH UNIT AFTER INSTALLATION.
OWNER: RETAIN THIS MANUAL SAFELY, FOR FUTURE REFERENCE.

WARNING

THIS APPLIANCE IS INTENDED FOR SUPPLEMENTAL HEATING.

IMPROPER INSTALLATION, ADJUSTMENT, ALTERATION, SERVICE OR MAINTENANCE CAN CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE. REFER TO THE OWNER'S INFORMATION MANUAL PROVIDED WITH THIS APPLIANCE.

INSTALLATION AND SERVICE MUST BE PERFORMED BY A QUALIFIED INSTALLER, SERVICE AGENCY OR THE GAS SUPPLIER. FOR ASSISTANCE OR ADDITIONAL INFORMATION CONSULT A QUALIFIED INSTALLER, SERVICE AGENCY OR THE GAS SUPPLIER.

GENERAL INFORMATION

THIS SERIES HEATER IS DESIGN CERTIFIED BY CSA INTERNATIONAL AS A VENT-FREE ROOM HEATER AND MUST BE INSTALLED ACCORDING TO THESE INSTRUCTIONS.

ANY ALTERATION OF THE ORIGINAL DESIGN INSTALLED OTHER
THAN AS SHOWN IN THESE INSTRUCTIONS OR USED WITH A TYPE OF GAS
NOT SHOWN ON THE RATING PLATE, IS THE RESPONSIBILITY OF THE PERSON
AND COMPANY MAKING THE CHANGE.

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SPECIFICATIONS

Model	Input Rating BTU/Hr	Weight in pounds	Dimens in inch	
REH-20DT-N	20,000 19,500	28.0	Height:19 11/16" Width:22 7/16" Depth:8 9/16"	,22 1/8" with Base (Option) 9 1/2" with Fan (Option)
REH-30DT-N	30,000 29,000	31.5	Height:19 11/16" Width:26 5/16" Depth:8 9/16"	22 1/8" with Base(Option) 9 1/2" with Fan(Option)

[&]quot;-N" Models are for Natural Gas. (Inlet Pressure within 5.3" -10.5" WC) (REH-20DT Model)

- 1 -

Gas Connection Pipe size 3/8" N.P.T. All Models.

USAGE AND INSTALLATION MUSTS

- READ THESE RULES AND THE INSTRUCTIONS CAREFULLY. CHECK ALL LOCAL CODES. FAILURE TO FOLLOW THESE COULD CAUSE A MALFUNCTION OF THE HEATER RESULTING IN DEATH, SERIOUS BODILY INJURY AND/OR PROP-ERTY DAMAGE.
- THIS HEATER IS DESIGNED FOR USE ONLY WITH ONE TYPE OF GAS, EITHER L.P.G. OR NATURAL. MAKE SURE THAT THE TYPE OF GAS TO BE SU-PPLIED TO THIS UNIT MATCHES THAT SHOWN ON THE RATING PLATE ON THE HEATER.
- 3. WARNING: ANY CHANGE TO THIS HEATER OR ITS CONTROLS CAN BE DANGEROUS.
- 4. IF A GAS LEAK IS SUSPECTED, TURN HEATER OFF, TURN GAS SUPPLY VALVE OFF AT REGULATOR OR APPLIANCE CONNECTOR VALVE. OPEN WINDOWS TO VENTILATE AREA IMMEDIATELY AND CONTACT YOUR DEALER OR GAS COMPANY.
- WARNING: FAILURE TO KEEP THE PRIMARY AIR OPENING(S) OF THE BURNER CLEAN MAY RESULT IN SOOTING AND PROPERTY DAMAGE.
- 6. INSTALLATION AND REPAIR SHOULD BE DONE BY A QUALIFIED SERVICE PERSON. HEATER SHOULD BE INSPECTED BEFORE USE AND AT LEAST ANNUALLY BY A PROFESSIONAL SERVICE PERSON. MORE FREQUENT CLEANING MAY BE REQUIRED DUE TO EXCESSIVE LINT FROM CARPETING, BEDDING MATERIAL, ETC.. IT IS IMPERATIVE THAT CONTROL COMPARTMENT, BURNERS AND CIRCULATING AIR PASSAGEWAYS BE KEPT CLEAN.

- THIS HEATER MUST NOT BE INSTALLED IN BED-ROOMS/SLEEPING QUARTERS, BATHROOMS OR RECREATIONAL VEHICLES.
- 8. KEEP AREA NEAR THE HEATER CLEAR AND FREE FROM COMBUSTIBLE MATERIALS, GASOLINE AND OTHER FLAMMABLE VAPORS AND LIQUIDS.
- DUE TO ITS HIGH TEMPERATURE, THE HEATER SHOULD BE LOCATED OUT OF TRAFFIC AND AWAY FROM FURNITURE AND DRAPERIES.
- 10. DO NOT PLACE CLOTHING OR FLAMMABLE MATERIAL ON OR NEAR THE HEATER.
- 11. ANY SAFETY SCREEN OR GUARD REMOVED FOR SERVICING MUST BE REPLACED PRIOR TO OPERATING THE HEATER.
- 12. AN UNVENTED GAS HEATER WILL INCREASE THE AMOUNT OF HUMIDITY IN THE ROOM.
- 13. THIS HEATER IS INTENDED FOR SPACE HEATING PURPOSES ONLY. DO NOT USE FOR OTHER PURPOSES SUCH AS DRYING CLOTHES OR BAKING PAINTS.
- 14. DO NOT TOUCH THE DRESS GUARD OR FLUE OUTLET AREA WHILE THE HEATER IS IN USE. TO AVOID BURNS, DO NOT MOVE THE HEATER DURING USE, AND AVOID TOUCHING THE HEATER JUST AFTER TURNING OFF.

[&]quot;-N" Models are for Natural Gas. (Inlet Pressure within 6.0" -10.5" WC) (REH-30DT Model)

[&]quot;-P" Models are for L.P.Gas. (Inlet Pressure within 11" -13" WC)

[&]quot;-N" Models Manifold Pressure = 4.7" WC (REH-20DT Model) 5.5" WC (REH-30DT Model)

[&]quot;-P" Models Manifold Pressure=9.5" WC

- CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARD OF HIGH SURFACE TEMPERATURES AND SHOULD STAY AWAY TO AVOID BURNS OR CLOTHING IGNITION.
- 16. YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE SAME ROOM WITH THE HEATER.
- LPG CONTAINERS MUST NOT BE INSTALLED INDOORS.
- DO NOT INSTALL IN A WINDY AREA. SUCH AS FACING A WINDOW OR A DOOR LEADING TO THE OUTSIDE.
- WARNING: ELECTRICAL GROUNDING **INSTRUCTIONS** OPTIONAL FAN (1) (REH19D-100) IF IT IS PROVIDED, IS EQUIPPED WITH A THREE-PRONG (GROUNDING) PLUG FOR YOUR PROTECTION AGAINST SHOCK HAZARD AND SHOULD BE PLUGGED DIRECTLY INTO A PROPERLY GROUNDED THREE-PRONG RECEPTACLE. (OPTIONAL FAN MODELS)
- WARNING: ELECTRICAL GROUNDING INSTRUCTIONS OPTIONAL FAN (2) (REH 10-50) IF IT IS PROVIDED, IS EQUIPPED WITH A POLARIZED PLUG FOR YOUR PROTECTION AGAINST SHOCK HAZARD. IT SHOULD BE PLUGGED DIRECTLY INTO A PROPERLY GROUNDED POLARIZED RECEPTACLE. (OPTIONAL FAN MODELS)
- 21. THIS APPLIANCE MAY BE INSTALLED IN AN AFTERMARKET* MANUFACTURED (MOBILE) HOME WHERE NOT PROHIBITED BY STATE OR LOCAL CODES. *AFTERMARKET=COMPLETION OF SALE, NOT FOR PURPOSE OF RESALE FROM FACTURER. THIS APPLIANCE IS ONLY FOR USE WITH THE TYPE OF GAS INDICATED ON THE RATING PLATE. THIS APPLIANCE IS NOT CONVERTIBLE FOR USE WITH OTHER GASES.
- THIS HEATER SHALL NOT BE INSTALLED IN A CONFINED SPACE OR UNUSUALLY TIGHT CON-STRUCTION UNLESS PROVISIONS ARE PROVIDED FOR ADEQUATE COMBUSTION AND VENTILATION AIR.
- 23. THE NATIONAL FUEL GAS CODE ANSI Z223.1/ NFPA54 DEFINES A CONFINED SPACE AS A SPACE WHOSE VOLUME IS LESS THAN 50 CUBIC FEET PER 1,000 BTU PER HOUR (4.8m3 PER kW) OF THE AGGREGATE INPUT RATING OF ALL APPLIANCES INSTALLED IN THAT SPACE AND AN UNCONFINED SPACE AS A SPACE WHOSE VOLUME IS NOT LESS THAN 50 CUBIC FEET PER 1,000 BTU PER HOUR (4.8m3 PER kW) OF THE AGGREGATE INPUT RATING OF ALL APPLIANCES INSTALLED IN THAT SPACE. ROOMS COMMUNICATING DIRECTLY WITH THE SPACE IN WHICH THE APPLIANCES ARE INSTALLED, THROUGH OPENINGS NOT FURNISHED WITH DOORS, ARE CONSIDERED A PART OF THE UNCONFINED SPACE.
- DO NOT USE THIS ROOM HEATER IF ANY PART HAS BEEN UNDER WATER. IMMEDIATELY CALL A QUALIFIED SERVICE TECHNICIAN TO INSPECT THE ROOM HEATER AND TO REPLACE ANY PART OF THE CONTROL SYSTEM AND ANY GAS CONTROL WHICH HAS BEEN UNDER WATER.
- THIS APPLIANCE IS INTENDED FOR SUPPLEMENTAL HEATING.

INSTALLATION INSTRUCTIONS

NOTICE BEFORE INSTALLATION

The heater must be installed by a qualified service person according to this installation instruction.

Check your local building codes for the proper method of installation. In the case of absence of local codes, this heater should be installed in accordance with the National Fuel Gas Code ANSI Z223.1/NFPA54.

Available from the American National Standards Institute, Inc., 1430 Broadway, New York, N.Y. 10018, or from the National Fire Protection Association. Batterymarch Park, Quincy, MA 02269.

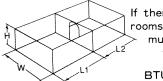
All correspondence should refer to Model No., Serial No., and type of gas.

The following formula can be used to determine the maximum heater rating per the definition of unconfined space:

 $BTU/HR = \frac{(L1+L2)Ft\times(W)Ft\times(H)Ft\times1}{000}$

Consider two connecting rooms with an open area between, with the following dimensions:

BTU/HR= $\frac{(15\frac{1}{2}+12)\times(12)\times(8)\times1000}{}$ 50 =52800 BTU/HR



If there is a door between the two rooms that can be closed the calculation must be based only on the room with the heater.

BTU/HR=
$$\frac{(15\frac{1}{2})\times(12)\times(8)\times1000}{50}$$

=29760 BTU/HR

WARNING: If the area in which the heater may be operated is smaller than that defined as an unconfined space or if the building is of unusually tight construction, provide adequate combustion and ventilation air by one of the methods described in the National Fuel Gas Code, ANSI Z223.1 / NFPA54, Section 5.3 or applicable local codes.

Unusually tight construction is defined as construction where:

- a) Walls and ceilings exposed to the outside atmosphere have a continuous water vapor retarder with a rating of 1 perm (6×10-11 kg per pa-sec-m²) or less with openings gasketed or sealed, and
- b) Weather stripping has been added on openable windows and doors, and
- c) Caulking or sealants are applied to areas such as joints around window and door frames, between sole plates and floors, between wall-ceiling joints, between wall panels, at penetrations for plumbing, electrical, and gas lines, and at other openings.

LOCATION AND CLEARANCES

- 1. The following safety precautions should be kept in mind when determining the location of the heater.
 - 1)Do not install this heater in bedroom/sleeping quarters, or bathroom.
 - 2) Do not install in areas where curtains, drapes, clothing or other inflammable materials are within 12 inches of the sides or 36 inches of top of heater.
 - 3) Adequate clearances for accessibility for purposes of servicing and proper operation be provided.
 - 4) Adequate clearances around air openings be provided.

2. The heater is designed for wall mounting. The minimum clearances from the combustible materials are as follows.

MIN

MIN

36 inches from top 12 inches from side 48 inches from front 0 inch from back 4 inches from bottom to the top surface of any floor coverings.

(O inch from optional Base bottom if it is provided)

Right and left sides are determined when facing unit front.

3. The heater may be installed on combustible flooring if optional Base (Kit No.REH 19D-150B/SO-001-0714) is attached to the bottom of the heater.

48"MIN

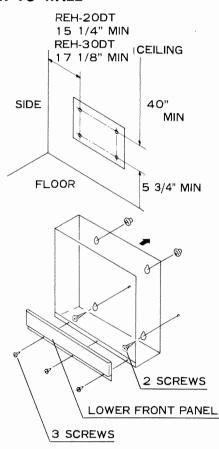
When the heater with optional Base fixed is installed directly on carpeting, tile or other combustible material other than wood flooring, the heater shall be installed on a metal or wood panel extending the full width and depth of the heater and the Base.

INSTALLING THE HEATER TO WALL

1. Apply the heater installation template on the wall surface where the heater will be. After checking the location, leveling, and running piping for the heater, mark the holes for drilling. (Template is included with this heater.)

Before drilling holes, check for clearances.

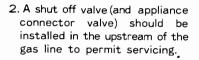
- 2. Remove the template. Drill at the marked locations with 1/4" drill bit. Insert supplied anchors in holes and tap flush to wall. Tighten screws supplied in upper 2 screw holes to the end, then unfasten one half turn to allow hanging heater with its upper key holes at the back.
- Hang the heater on the screws in the wall by using its upper 2 key holes.
- Remove the lower front panel of the heater by removing three screws at the bottom and pulling the bottom of panel foward.



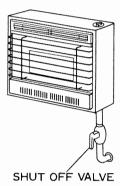
- Secure the heater by installing 2 screws supplied through the recessed holes located at the bottom back of heater.
- 6. Replace the lower front panel with three screws.

GAS CONNECTION

 The gas supply line shall be gas-tight, sized and so installed as to provide a supply of gas sufficient to meet the maximum demand of the heater without loss of pressure.



 Flexible pipe and any appliance connector valve used for gas piping shall be types approved by nationally recognized agencies.



- 4. Any compound used on the threaded joint of the gas piping shall be a type which resists the action of liquefied petroleum gas.
- 5. Supplied gas pressure must be within the limits shown in the specifications.
- 6. After completion of gas pipe connections, all joints including the heater must be checked for gastightness by means of leak detector solution, soap and water, or an equivalent nonflammable solution, as applicable.
 - CAUTION: Since some leak test solutions, including soap and water, may cause corrosion or stress cracking, the piping shall be rinsed with water after testing, unless it has been determined that the leak test solution is noncorrosive.
- The appliance and its appliance main gas valve must be disconnected from the gas supply piping system during any pressure testing of that syttem at test pressures in excess of 1/2 psi (3.5kPa),

The appliance must be isolated from the gas supply piping system by closing its equipment shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psi (3.5 kPa).

OPERATING INSTRUCTIONS



FOR YOUR SAFETY READ BEFORE LIGHTING

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- A. This appliance has a pilot which must be lighted by hand. When lighting the pilot, follow these instructions exactly.
- B. BEFORE LIGHTING smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

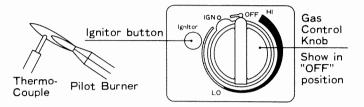
WHAT TO DO IF YOU SMELL GAS

- Do not try to light any appliance.
- Do not touch any electric switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.
- C. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.
- D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

LIGHTING INSTRUCTIONS

- STOP! Read the safety information above on this Operating instructions.
- Turn Gas Control Knob clockwise to "OFF" position.
- •Wait 5 minutes to clear out any gas. Then smell for gas, including near the floor. If you then smell gas, STOP! Follow "B" in the safety information above on this label. If you don't smell gas, go to next step.

To ignite ODS (Oxygen Depletion Sensor) pilot burner.



Observe pilot. The pilot is attached to the bottom main burner. Turn knob on gas control counterclockwise to "IGN". Press push gas control knob all the way down and hold. Repeatedly push ignitor button until pilot lights (or use a match to light pilot). Continue to hold the control knob in for about one (1) minute after the pilot is lit. Release knob and it will pop back up. Pilot should remain lit.

Turn gas control knob counterclockwise . Set thermostat (gas control knob) to desired setting from "HI" to "LO".

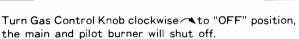
If it goes out, repeat the lighting procedure.

- If knob does not pop up when released, stop immediately call your service technician or gas supplier.
- If the pilot will not stay lit after several tries, turn the gas control knob to "OFF" and call your service technician or gas supplier.

ATTENTION! Gas control has an INTERLOCK latching device

When the pilot is initially lit and the safety magnet is energized (pilot stays "ON") the INTERLOCK latching device becomes operative. If the gas control is turned to the "OFF" position or gas flow to the appliance is shut off, the pilot cannot be relighted until the safety magnet is de-energized (approximately 60 seconds). There will be an audidle "click" when the safety magnet in the gas control is de-energized. Pilot can now be relighted. If it does not remain lit, then repeat the lighting procedure.

TO TURN OFF GAS TO APPLIANCE



Due to high surface temperature, keep children, clothing and furniture away. Keep burner and control compartment clean. See installation and operating instructions

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Refer to the owner's information manual provided with this appliance. Installation and service must be performed by a qualified installer, service agency or the gas supplier.

CIRCULATING FAN

accompanying heater.

(Option: Kit No. REH19D-100/REH19D-200)

To operate air circulation fan, if it is provided, push Fan Switch to its "ON" ("AUTO" or "ON": REH19D-200) position. The switch is located on top of fan unit, on rear of heater.

(Option: Kit No. REH10-50)

Switch is located on power cord. Follow instructions packed with optional fan units.

WHEN SERVICING UNIT, TURN OFF ELECTRICAL POWER IF AN OPTIONAL BLOWER IS USED.

MAINTENANCE SERVICE MAINTENANCE SUGGESTIONS

This heater has been designed and constructed for a long performance life when installed and operated properly under normal conditions. Regular inspections, as outlined in this section, are strongly recommended as means of keeping your heater operating efficiently and safely throughout the season. Access to internal parts is from the front of the heater.

1. Cleaning

Heater must be cleaned annually.

Keep heater clear of dust and debris especially in and around the ODS pilot. Cleaning procedures of heater are as follows;

- 1)Turn heater off. Allow to cool for one hour.
- 2)Remove the Lower Front Panel of the heater by removing three screws at the bottom and pulling the bottom of panel foward.
- 3)Use pressurized air to remove dust from around ODS pilot and main burner.
- 4)Use soft dry cloth to wipe cabinet.

DO NOT TOUCH SURFACE OF MAIN BURNER. CERAMIC TILE IS FRAGILE.

DO NOT DAMAGE OR DISTORT ANY PARTS OF HEATER.

DO NOT USE WET CLOTH OR SPRAY CLEANERS ON BURNER OR ODS PILOT.

IT IS RECOMMENDED THAT YOU USE WORKING GLOVES DURING CLEANING TO AVOID INJURY BY SHARP METAL EDGES.

2. Visual check of main and pilot burner flames.

Flame pattern should be as shown in the following diagrams.

The burner must glow evenly over the entire surface when operating correctly. The pilot flame must burn with a clear blue stable flame.

TROUBLE SHOOTING

STEP 1.

- Be sure the heater is properly installed. See Section 2. INSTALLATION.
- 2)Make sure gas valve on L.P. Gas bottle or gas supply line is ON and gas pressure is available.
- 3) Verify the electrical circuit servicing the optional fan, if it is provided, is ON.
- 4)Be sure ODS and Burner are free of dust and dirt.

STEP 2.

If the trouble remains after verifying step 1, please check the cause of trouble in the following trouble shooting chart and correct it by following the procedures indicated, or contact a reliable service company.

SATISFACTORY

FRONT VIEW

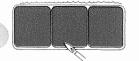
SIDE VIEW

FRONT VIEW

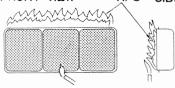
YELLOW TIPS

UNSATISFACTORY

SIDE VIEW







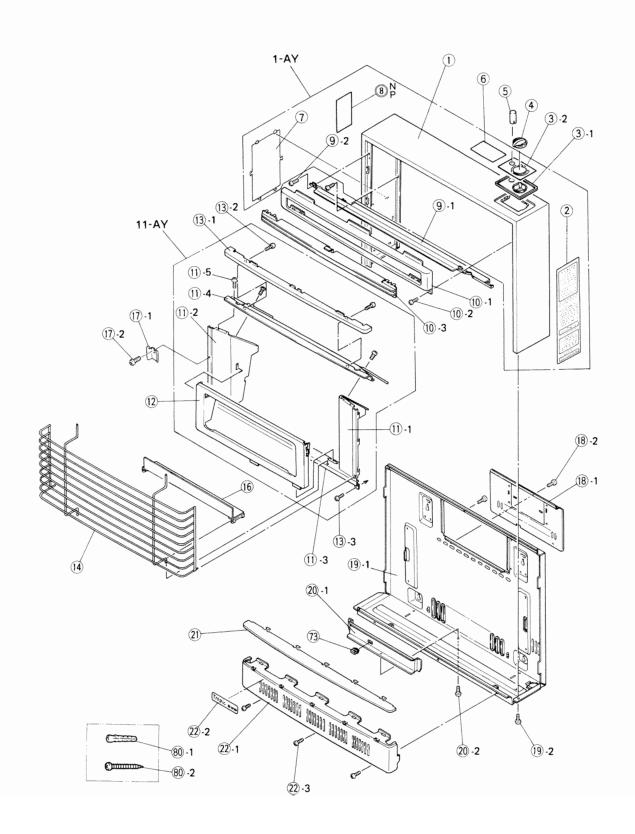
The Oxygen Depletion Sensor should be cleaned annually, or more often if located in a dusty location or carpeted area.

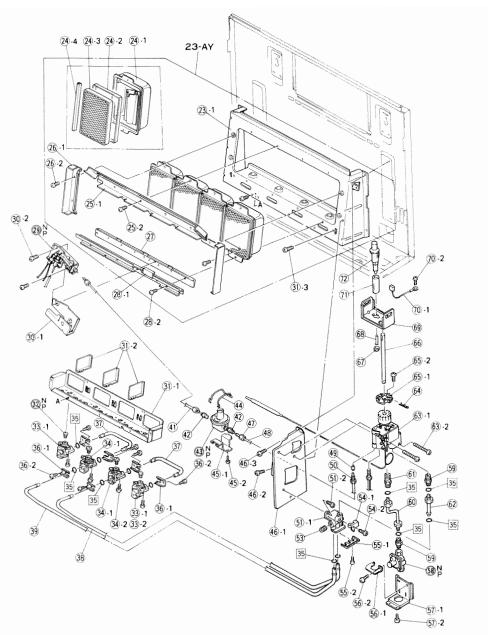
TROUBLE	CAUSE	PROCEDURE
Pilot or Heater will	Gas supply valve is closed.	Open gas supply valve.
not ignite.	Air inside gas supply line.	Repeat ignition procedure.
	Control knob released too	Hold knob in pilot position for full 20 seconds.
	soon.	
	Faulty ignition device.	See Operating Instructions on Page 4.
		Contact your dealer or gas company.
Burner does not glow.	Orifice is blocked.	Clean dust and dirt from heater.
		Contact your dealer or gas company.
Whistling noise during	Back firing.	Turn off heater immediately and re-ignite.
ignition or operation.		If whistling noise persists, contact your dealer or gas
		company.
Smelly exhaust fumes	Incomplete combustion.	Be sure gas supply valve on regulator is open fully.
during operation.		If supply valve was opened properly, and smelly
		exhaust persists, turn off heater and gas supply tap,
		then contact your dealer or gas company.
Smell of raw unburned	Gas leak.	Turn off heater and gas supply valve immediately,
gas.		then contact your dealer or gas company.
		See front page of this manual.
Yellow flame at ODS	Blockage of the ODS pilot	Clean ODS pilot.
pilot burner.	burner by dust.	
Heater automatically	Lack of fresh air, and ODS	Turn off gas valve knob and open door or windows
extinguished during use.	device working.	to ventilate room.

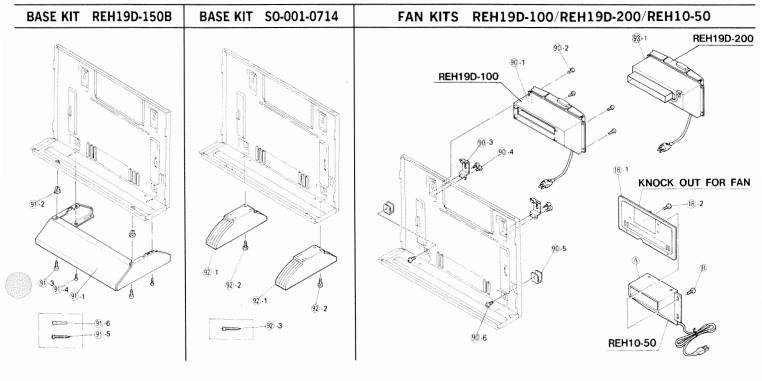
SCHEMATIC DISASSEMBLY

Models: REH-20DT-N, REH-20DT-P, REH-30DT-N, REH-30DT-P

To determine any part number, please refer to the key number in the illustrated diagram.







PARTS LIST

To obtain or order parts, check with your nearest Rinnai dealer or distributor. If your dealer cannot supply you, contact Service Department of:

Rinnai America Corporation, 1662 Lukken Industrial Drive West, La Grange, Georgia 30240 Phone: 1-800-621-9419

Models: REH-20DT-N, REH-20DT-P

		-2001-N, REH-2001-P		
ASS'Y No.	KEY No.	PART NAME	PART No. REH19D-127-1	QTY
1-AY	2	CASING INSTRUCTION LABEL	REH15D-52	1
	3-1	CONTROL BOX	REH300-301-2	1
	3.2	CONTROL PANEL	REH19D-136	1 1
	4	CONTROL KNOB ASS'Y	REH300-303-2	1
	5	IGNITION BUTTON	REH15D-22	1
	6	CAUTION LABEL	REH15D-60	1
	7	CAUTION PLATE	REH19D-49-2	1
	8P	DATA PLATE DATA PLATE	REH19D-140P REH19D-140N	1 1
9	9·1	DIVIDE PANEL	REH19D-12	+-1
9	9.2	SCREW	ZEAB0408SB	4
10	10.1	FRONT PANEL TOP	REH19D-13-2	1
	10-2	SCREW	ZEAB0408SB	2
	10-3	LOUVER	REH19D-14-2	1
11-AY	11-1	REFLECTOR-SIDE(R)	REH19D-18a	1
	11.2	REFLECTOR-SIDE(L)	REH19D-18b	1 1
	11.3	REFLECTOR-BOTTOM	REH19D-19	1
	11-4	REFLECTOR-TOP SCREW	REH19D-20 ZEAA0408SC	1 14
	12	BURNER FRAME	REH19D-22-3	1
13	13.1	TRIM-TOP	REH19D-21-3	1
	13-2	SCREW	ZEAB0408SB	
	13-3	SCREW	ZEAB0408SC	2
	14	GUARD	REH19D-46	1
	16	SHIELD PANEL	REH19D-48a	1
17	17-1	GUARD RETAINER PANEL	REH19D-66	1
10	17-2	SCREW	ZEAB0408SC	1
18	18-1	BLIND PLATE	REH19D-24	1 2
19	18-2 19-1	SCREW REAR PANEL	ZEAA0408SB REH19D-23	2
13	19-1	SCREW	ZEAB0408SB	2
20	20.1	WIND PROTECTION PLATE-REAR	REH19D-25	1
	20.2	SCREW	ZEAB0408SB	1
	21	TRIM-TOP	REH19D-45	1
22	22.1	FRONT PANEL	REH19D-42-2	1
	22.2	NAME LABEL	REH19D-54-2	1
00.41/	22-3	SCREW	ZEAB0408SC	3
23-AY	23	BURNER-UNIT	REH19D-134	1
	23-1 24-1	BRACKET-BURNER BURNER BODY	REH19D-29 20SF-046	3
	24.2	CERAMIC WOOL	CP-80037-31	3
	24.3	CERAMIC WOOL CERAMIC TILE	LND-11810	3
	24-4	BURNER DIVIDE PANEL	20SF-049	3 2
	25-1	CERAMIC TILE RETAINER TOP	REH19D-27	1
	25.2	SCREW	ZEAB0408SZ	2 2
	26-1	CERAMIC TILE RETAINER-SIDE	REH19D-53	2
	26-2	SCREW	ZEAB0408SC	4
	27	CERAMIC TILE RETAINER-BOTTOM	REH19D-28	1
	28-2	DRAFT PREVENTION PLATE SCREW	REH19D-63 ZEAB0408SZ	1 2
29	29P	ODS PILOT FOR LPG	PC105-12P	1
	29N	ODS PILOT FOR NAT. GAS	PC105-12N	1
30	30-1	PILOT BRACKET	REH6-46	1
	30-2	SCREW	ZEAB0408SC	2
31	31-1	AIR SUCTION	REH19D-30	1
	31.2	DIVISION BOARD	REH19D-31	2
20	31-3	SCREW	ZEAB0408SC	6
32	32P	ORIFICE FOR LPG ORIFICE FOR NAT. GAS	BU101-307-077	3
33	32N 33·1	NOZZLE HOLDER D	BU101-307-121 REH210-70-4	1
30	33.2	NOZZLE HOLDER A	REH210-70-1	1
34	34-1	NOZZLE HOLDER B	REH210-70-2	1
	34-2	SCREW	ZEAB0410SZ	6
	35	O RING	M10B1-8	10
36	36-1	MAIN GAS TUBE RETAINER	REH210-79	4
	36-2	SCREW	ZHAA0408SZ	4
	37	MAIN GAS TUBE C MAIN GAS TUBE A	REH19D-133 REH19D-131	1 1
	39	MAIN GAS TUBE B	REH19D-131	+1
***************************************	41	PILOT TUBE B	REH15D-41-3	1
	42	BUSHING PILOT FEED PIPE	REH20-123	2
43	43P	PILOT REGULATOR ASS'Y	REH20-129-P	1 1
	43N	PILOT REGULATOR ASS'Y	REH20-129-N	1
45	44	PILOT REGULATOR PIN	REH27D-32	1
45	45-1	MOUNTING REGULATOR	REH27D-31	1
46	45-2 46-1	SCREW CONTROL MOUNTING BRACKET	ZEAB0408SZ	1 1
+0	46-2	SCREW	REH19D-128 ZEAB0408SZ	4
	46.3	SCREW	ZBA0406SB	4
	47	COMPRESSION NUT	RHF300-147	1
	48	PILOT TUBE A	REH15D-40-2	î
	49	BALL SLEEVE	R2000-218	1
	50	PIPE NUT	REH18-134	1
51	51.1	MAIN GAS TUBE CONNECTOR	REH15D-15B	1
***********	51-2	SCREW	ZEAB0410SZ	2
54	54.1	BLIND SCREW OUTLET TUBE RETAINER	AU39-965 CP-30488	1
54	54.2	SCREW	ZHAA0408SZ	1
55	55.1	MAIN GAS TUBE BRACKET	REH15D-16	1
	55.2	SCREW	ZHAA0408SZ	1
56	56-1	GAS INLET RETAINER SUPPORT	REH19D-138	1
	56-2	SCREW	ZEAB0408SZ	1
-				
57	57·1 57·2	GAS INLET RETAINER SCREW	REH19D-125 ZEAB0408SC	$\frac{1}{2}$

Models:	REH-3	ODT-N,	REH	I-30DT-P
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	KEY No.	PART NAME	PART No.	QTY
1-AY	1	CASING	REH27D-80-1	1
	2	INSTRUCTION LABEL	REH15D-52	$\frac{1}{1}$
	3.1	CONTROL BOX	REH300-301-2 REH19D-136	1
	3-2 4	CONTROL PANEL CONTROL KNOB ASS'Y	REH300-303-2	1
	5	IGNITION BUTTON	REH15D-22	1
	6	CAUTION LABEL	REH15D-60	1
	7	CAUTION PLATE	REH19D-49-2	1
	8P	DATA PLATE	REH27D-85P	1
	8N	DATA PLATE	REH27D-85N	1
9	9-1	DIVIDE PANEL	REH27D-12	1
	9.2	SCREW	ZEAB0408SB	4
10	10.1	FRONT PANEL TOP	REH27D-13-2	1
	10.2	LOUVER	ZEAB0408SB REH27D-14-2	2
11	10-3 11-1	REFLECTOR-SIDE(R)	REH19D-18a	1
1 1	11.2	REFLECTOR-SIDE(L)	REH19D-18b	1
	11.3	REFLECTOR-BOTTOM	REH27D-19	1
	11-4	REFLECTOR:TOP	REH27D-20	1
	11-5	SCREW	ZEAA0408SC	14
	12	BURNER FRAME	REH27D-22-3	1
13	13-1	TRIM-TOP	REH27D-21-3	1
	13-2	SCREW	ZEAB0408SB	2
	13.3	SCREW	ZEAB0408SC	2
	14	GUARD	REH27D-46	1
	16	SHIELD PANEL	REH19D-48b	1
17	17-1	GUARD RETAINER PANEL	REH19D-66	1 1
18	17-2	SCREW BLIND PLATE	ZEAB0408SC	1 1
.0	18-1	SCREW	REH19D-24 ZEAA0408SB	1 2
19	19-1	REAR PANEL	REH27D-23	1
	19-1	SCREW	ZEAB0408SB	2
20	20.1	WIND PROTECTION PLATE-REAR	REH19D-25	1
	20-2	SCREW	ZEAB0408SB	1
	21	TRIM-TOP	REH27D-45	1
22	22-1	FRONT PANEL	REH27D-42-2	1
	22-2	NAME LABEL	REH19D-54-2	1
	22.3	SCREW	ZEAB0408SC	3
23-AY	23	BURNER-UNIT	REH27D-83	1
	23.1	BRACKET-BURNER	REH27D-29	1
	24.1	BURNER BODY	20SF-046	4
	24.2	CERAMIC WOOL	CP-80037-31	4
	24.4	CERAMIC TILE BURNER DIVIDE PANEL	LND-14 20SF-049	3
	25.1	CERAMIC TILE RETAINER:TOP	REH27D-27	1
	25.2	SCREW	ZEAB0408SC	4
	26.1	CERAMIC TILE RETAINER-SIDE	REH19D-53	3
	26.2	SCREW	ZEAB0408SC	4
	27	CERAMIC TILE RETAINER-BOTTOM	REH27D-28	1
	28-1	DRAFT PREVENTION PLATE	REH27D-63	1
	28-2	SCREW	ZEAB0408SC	3
29	29P	ODS PILOT FOR LPG	PC105-12P	1
	29N	ODS PILOT FOR NAT. GAS	PC105-12N	1
30	30-1N	PILOT BRACKET PILOT BRACKET	REH6-46	1 1
	30-1P	PILOT BRACKET	CP-50725	1
2.1	30.2	SCREW	ZEAB0408SC	2
31	31.1	AIR SUCTION DIVISION BOARD	REH27D-30	1 2
	31.2		REH19D-31 ZEAB0408SC	7
32	31.3 32P	SCREW	BU101-307-080	4
32	32N	ORIFICE FOR LPG ORIFICE FOR NAT. GAS	BU101-307-080	4
	33-1	NOZZLE HOLDER D	REH210-70-4	2
34	34-1	NOZZLE HOLDER B	REH210-70-2	2
	34-2	SCREW	ZEAB0410SZ	8
		O RING		
	35		M10B1-8	12
36	36-1	MAIN GAS TUBE RETAINER	REH210-79	6
36	36-1 36-2	MAIN GAS TUBE RETAINER SCREW	REH210-79 ZHAA0408SZ	6
36	36-1 36-2 37	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C	REH210-79 ZHAA0408SZ REH19D-133	6 6 2
36	36-1 36-2 37 38	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81	6 6 2 1
36	36·1 36·2 37 38 39	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE B	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81 REH27D-82	6 6 2 1
36	36-1 36-2 37 38 39 41	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B	REH210-79 ZHAA04085Z REH19D-133 REH27D-81 REH27D-82 REH15D-41-3	6 2 1 1
	36·1 36·2 37 38 39 41 42	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81 REH27D-82 REH15D-41-3 REH20-123	6 6 2 1 1 1 2
	36·1 36·2 37 38 39 41 42 43P	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE PILOT REGULATOR ASS'Y	REH210-79 ZHAAO408SZ REH19D-133 REH27D-81 REH27D-82 REH15D-41-3 REH20-123 REH20-129-P	6 6 2 1 1 1 2
	36·1 36·2 37 38 39 41 42	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81 REH27D-82 REH15D-41-3 REH20-123 REH20-129-P REH20-129-P	6 6 2 1 1 1 2
	36·1 36·2 37 38 39 41 42 43P 43N 44	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE PILOT REGULATOR ASS'Y PILOT REGULATOR ASS'Y	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81 REH27D-82 REH15D-41-3 REH20-123 REH20-129-P REH20-129-N REH20-7D-32	6 6 2 1 1 1 2 1 1 1
	36·1 36·2 37 38 39 41 42 43P 43N	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE PILOT REGULATOR ASS'Y PILOT REGULATOR ASS'Y PILOT REGULATOR PIN MOUNTING REGULATOR SCREW	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81 REH27D-82 REH15D-41-3 REH20-123 REH20-129-P REH20-129-P	6 2 1 1 1 2 1 1
	36·1 36·2 37 38 39 41 42 43P 43N 44 45·2 46·1	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE PILOT REGULATOR ASS'Y PILOT REGULATOR ASS'Y PILOT REGULATOR TOR	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81 REH27D-82 REH150-41-3 REH20-123 REH20-129-P REH20-129-P REH20-129-P REH27D-32 REH27D-31 ZEAB0408SZ REH19D-128	6 6 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1
	36·1 36·2 37 38 39 41 42 43P 43N 44 45·1 45·2 46·1 46·2	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE PILOT REGULATOR ASS'Y PILOT REGULATOR ASS'Y PILOT REGULATOR PIN MOUNTING REGULATOR SCREW CONTROL MOUNTING BRACKET SCREW	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81 REH27D-82 REH15D-41-3 REH20-123 REH20-129-P REH27D-32 REH27D-32 REH27D-31 ZEAB0408SZ REH19D-128 ZEAB0408SZ	6 6 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1
	36·1 36·2 37 38 39 41 42 43P 43N 44 45·1 45·2 46·1 46·2 46·3	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE PILOT REGULATOR ASS'Y PILOT REGULATOR ASS'Y PILOT REGULATOR PIN MOUNTING REGULATOR SCREW CONTROL MOUNTING BRACKET SCREW SCREW	REH210-79 ZHAA0408SZ REH190-133 REH270-81 REH27D-82 REH15D-41-3 REH20-123 REH20-129-P REH20-129-P REH20-129-D REH27D-31 ZEAB0408SZ REH190-128 ZEAB0406SSZ ZBA0406SSZ	6 6 2 1 1 2 1 1 1 1 1 1 1 4 4
	36·1 36·2 37 38 39 41 42 43P 43N 44 45·1 46·2 46·1 46·2 46·3	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE PILOT REGULATOR ASS'Y PILOT REGULATOR ASS'Y PILOT REGULATOR PIN MOUNTING REGULATOR SCREW CONTROL MOUNTING BRACKET SCREW SCREW COMPRESSION NUT	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81 REH27D-82 REH15D-41-3 REH20-123 REH20-129-P REH20-129-N REH27D-32 REH27D-31 ZEAB0408SZ REH19D-128 ZEAB0408SZ ZBA0406SB RH5900-147	6 6 2 1 1 2 1 1 1 1 1 1 1 4 4
	36·1 36·2 37 38 39 41 42 43P 43N 44 45·1 45·2 46·1 46·2 46·3 47 48	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE PILOT REGULATOR ASS'Y PILOT REGULATOR ASS'Y PILOT REGULATOR PIN MOUNTING REGULATOR SCREW CONTROL MOUNTING BRACKET SCREW SCREW COMPRESSION NUT PILOT TUBE A	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81 REH27D-82 REH15D-41-3 REH20-123 REH20-123 REH20-129-P REH27D-31 ZEAB0408SZ REH19D-128 ZEAB0408SZ ZBA0406SB RHF300-147 REH15D-40-2	6 6 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1
	36·1 36·2 37 38 39 41 42 43P 43N 44 45·2 46·1 46·2 46·3 47 48	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE PILOT REGULATOR ASS'Y PILOT REGULATOR ASS'Y PILOT REGULATOR PIN MOUNTING REGULATOR SCREW CONTROL MOUNTING BRACKET SCREW COMPRESSION NUT PILOT TUBE A BALL SLEEVE	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81 REH27D-81 REH27D-82 REH15D-41-3 REH20-123 REH20-129-P REH20-129-P REH27D-32 REH27D-31 ZEAB0408SZ REH19D-128 ZEAB0406SB RHF300-147 REH15D-40-2 R2000-218	6 6 2 1 1 1 2 1 1 1 1 1 1 1 1 4 4 4 1 1
43	36-1 36-2 37 37 38 39 41 42 43P 43N 44 45-1 46-2 46-1 46-2 46-3 47 48 49 50	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE PILOT REGULATOR ASS'Y PILOT REGULATOR ASS'Y PILOT REGULATOR PIN MOUNTING REGULATOR SCREW CONTROL MOUNTING BRACKET SCREW SCREW COMPRESSION NUT PILOT TUBE A BALL SLEEVE PIPE NUT	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81 REH27D-82 REH15D-41-3 REH20-123 REH20-123 REH20-129-P REH27D-31 ZEAB0408SZ REH2PD-128 ZEAB0408SZ ZBA0406SB RH7300-147 REH15D-40-2 R2000-218 REH18-134	6 6 2 1 1 1 1 1 1 1 1 1 4 4 4 1 1 1
43	36-1 36-2 37 38 39 41 42 43P 43N 44 45-1 46-1 46-2 46-3 47 48 49 50 51-1	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE PILOT REGULATOR ASS'Y PILOT REGULATOR ASS'Y PILOT REGULATOR PIN MOUNTING REGULATOR SCREW CONTROL MOUNTING BRACKET SCREW SCREW COMPRESSION NUT PILOT TUBE A BALL SLEEVE PIPE NUT MAIN GAS TUBE CONNECTOR	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81 REH27D-81 REH27D-82 REH15D-41-3 REH20-123 REH20-129-P REH20-129-N REH27D-32 REH27D-31 ZEAB0408SZ REH19D-128 ZEAB0406SB RHF300-147 REH15D-40-2 R2000-218 REH18D-134 REH18D-134 REH18D-144	6 6 2 1 1 1 2 1 1 1 1 1 1 1 4 4 4 4 1 1 1 1
43	36-1 36-2 37 38 39 41 42 43P 43P 43P 43N 45-1 45-2 46-1 46-2 46-3 47 48 49 50 51-1 51-2	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE PILOT REGULATOR ASS'Y PILOT REGULATOR ASS'Y PILOT REGULATOR PIN MOUNTING REGULATOR SCREW CONTROL MOUNTING BRACKET SCREW SCREW COMPRESSION NUT PILOT TUBE A BALL SLEEVE PIPE NUT MAIN GAS TUBE CONNECTOR SCREW SCREW	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81 REH27D-82 REH15D-41-3 REH20-123 REH20-129 REH20-129-N REH27D-31 ZEAB0408SZ REH29D-129-N ZEAB0408SZ ZEAB0408SZ ZBA0406SB RHF300-147 REH15D-40-2 R2000-218 REH18-134 REH18-134 REH151-15B ZEAB0401SZ	6 6 2 1 1 1 1 1 1 1 1 1 1 4 4 4 1 1 1 1 1 1
43	36-1 36-2 37 38 39 41 42 43P 43N 44-5-1 45-2 46-3 47 48 49 50 51-1 51-2 53	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE PILOT REGULATOR ASS'Y PILOT REGULATOR ASS'Y PILOT REGULATOR PIN MOUNTING REGULATOR SCREW CONTROL MOUNTING BRACKET SCREW COMPRESSION NUT PILOT TUBE A BALL SLEEVE PIPE NUT MAIN GAS TUBE CONNECTOR SCREW SCREW SCREW SCREW COMPRESSION NUT PILOT TUBE A BALL SLEEVE PIPE NUT MAIN GAS TUBE CONNECTOR SCREW SCREW	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81 REH27D-82 REH15D-41-3 REH20-123 REH20-123 REH20-129-P REH27D-32 REH27D-31 ZEAB0408SZ REH19D-128 ZEAB0408SZ ZBA0406SB RH19D-128 ZEAB0408SZ ZBA0406SB RH500-147 REH15D-40-2 R2000-218 REH15D-15B ZEAB0410SZ ZEAB0410SZ	6 6 2 1 1 1 1 1 1 1 1 1 1 1 4 4 4 4 1 1 1 1
43	36-1 36-2 37 37 38 39 41 42 43P 43N 44 45-1 46-1 46-2 46-3 47 48 49 50 51-1 51-2 53 54-1	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE PILOT REGULATOR ASS'Y PILOT REGULATOR ASS'Y PILOT REGULATOR PIN MOUNTING REGULATOR SCREW CONTROL MOUNTING BRACKET SCREW SCREW COMPRESSION NUT PILOT TUBE A BALL SLEEVE PIPE NUT MAIN GAS TUBE CONNECTOR SCREW BLIND SCREW BLIND SCREW BUIND SCREW	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81 REH27D-81 REH27D-82 REH15D-41-3 REH20-123 REH20-129-N REH20-129-N REH27D-31 ZEAB0408SZ REH19D-128 ZEAB0406SB RHF300-147 REH15D-40-2 R2000-218 REH18-134 REH18-134 REH18-134 REH18-135 ZEAB0410SZ AU39-965 CP-30488	6 6 2 1 1 1 1 1 1 1 1 1 1 4 4 4 1 1 1 1 1 1
51	36-1 36-2 37 38 39 41 42 43P 43N 44 45-1 45-2 46-3 47 48 49 50 51-1 51-2 53 54-1 54-2	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE PILOT REGULATOR ASS'Y PILOT REGULATOR ASS'Y PILOT REGULATOR PIN MOUNTING REGULATOR SCREW CONTROL MOUNTING BRACKET SCREW SCREW COMPRESSION NUT PILOT TUBE A BALL SLEEVE PIPE NUT MAIN GAS TUBE CONNECTOR SCREW BLIND SCREW OUTLET TUBE RETAINER SCREW	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81 REH27D-82 REH15D-41-3 REH20-123 REH20-123 REH20-129-P REH27D-32 REH27D-31 ZEAB0408SZ REH19D-128 ZEAB0408SZ ZBA0406SB RHF30-0-147 REH15D-40-2 R2000-218 REH18-134 REH15D-15B ZEAB0410SZ AU39-965 CP-30488 ZHAA0408SZ	6 6 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
51	36-1 36-2 37 38 39 41 42 43P 43N 44-1 45-1 46-2 46-3 47 48 49 50 51-1 51-2 53 54-1 54-1 55-1	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE PILOT REGULATOR ASS'Y PILOT REGULATOR ASS'Y PILOT REGULATOR PIN MOUNTING REGULATOR SCREW CONTROL MOUNTING BRACKET SCREW SCREW COMPRESSION NUT PILOT TUBE A BALL SLEEVE PIPE NUT MAIN GAS TUBE CONNECTOR SCREW BLIND SCREW BLIND SCREW BUIND SCREW	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81 REH27D-82 REH15D-41-3 REH20-123 REH20-123 REH20-129-N REH27D-31 ZEAB0408SZ REH19D-128 ZEAB0408SZ ZBA0406SB RH19D-128 ZEAB0408SZ ZBA0406SB RH19D-15B ZEAB0408SZ REH19D-15B ZEAB0408SZ REH19D-15B ZEAB0410SZ AU39-965 CP-30488 ZHAA0408SZ REH15D-16	6 6 2 1 1 1 1 1 1 1 1 1 1 4 4 4 1 1 1 1 1 1
43	36-1 36-2 37 38 39 41 42 43P 43N 44 45-1 46-2 46-3 47 48 49 50 51-1 51-2 53 54-1 54-2 55-1 55-2 56-1	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE PILOT REGULATOR ASS'Y PILOT REGULATOR ASS'Y PILOT REGULATOR PIN MOUNTING REGULATOR SCREW CONTROL MOUNTING BRACKET SCREW SCREW COMPRESSION NUT PILOT TUBE A BALL SLEEVE PIPE NUT MAIN GAS TUBE CONNECTOR SCREW OUTLET TUBE RETAINER SCREW	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81 REH27D-82 REH15D-41-3 REH20-123 REH20-123 REH20-129-P REH27D-32 REH27D-31 ZEAB0408SZ REH19D-128 ZEAB0408SZ ZBA0406SB RHF30-0-147 REH15D-40-2 R2000-218 REH18-134 REH15D-15B ZEAB0410SZ AU39-965 CP-30488 ZHAA0408SZ	6 6 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1
51 54 55	36-1 36-2 37 38 39 41 42 43P 43P 43N 44 45-1 46-2 46-3 47 48 49 50 51-1 51-2 53 54-1 54-2 55-1 55-2	MAIN GAS TUBE RETAINER SCREW MAIN GAS TUBE C MAIN GAS TUBE A MAIN GAS TUBE B PILOT TUBE B BUSHING PILOT FEED PIPE PILOT REGULATOR ASS'Y PILOT REGULATOR ASS'Y PILOT REGULATOR PIN MOUNTING REGULATOR SCREW CONTROL MOUNTING BRACKET SCREW COMPRESSION NUT PILOT TUBE A BALL SLEEVE PIPE NUT MAIN GAS TUBE CONNECTOR SCREW BUIND SCREW OUTLET TUBE RETAINER SCREW MAIN GAS TUBE BRACKET SCREW MAIN GAS TUBE BRACKET	REH210-79 ZHAA0408SZ REH19D-133 REH27D-81 REH27D-82 REH15D-41-3 REH20-123 REH20-123 REH20-129-N REH20-129-N REH20-129-N REH20-129-N REH20-129-N REH20-129-N REH27D-31 ZEAB0408SZ ZEAB0408SZ ZEAB0408SZ ZEAB0408SZ REH19D-40-2 R2000-218 REH18D-40-2 R2000-218 REH18D-40-2 R2000-218 REH18D-15B ZEAB0410SZ AU39-965 CP-30488 ZHAA0408SZ REH15D-16 ZHAA0408SZ	6 6 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1

ASS'Y No.	KEY No.	PART NAME	PART No.	QTY
58	58P	GAS INLET REGULATOR	REH18-152-P	1
	58N	GAS INLET REGULATOR	REH18-152-N	1
	59	NIPPLE A	REH18-139-1	1
	60	GAS INLET TUBE	REH19D-130	1
	61	NIPPLE C	REH18-139-3	1
	62	OUTLET TUBE A	REH15D-30	1
63	63-1	SIT CONTROL ASS'Y	REH18-151	1
	63-2	SCREW	ZAA0555SZ	2
	64	SNAP PIN	ZTC1.2SZ	1
65	65-1	CONTROL ADAPTER	REH300-227	1
	65-2	SCREW	ZEAA0310SZ	2
	66	CONTROL SHAFT	REH15D-23-2	1
	67	HIGH TENSION CORD	8581-82	1
	68	PIEZO WIRE ASS'Y	REH18-131-2	1
	69	IGNITER RETAINER	REH19D-126	1
70	70-1	EARTH CORD	REH18-132	1
	70-2	SCREW	ZEAB0408SZ	1
	71	SILICON TUBE	REH18-173	1
	72	IGNITER	REH18-155	1
	73	ROD HOLDER	CP-90347-9	1
80	80-1	SCREW	CP-30413	4
	80-2	CAULKING PLUG	CP-30414	4

BASE KIT REH19D-150B (OPTION)

ASS'Y No.	KEY No.	PART NAME	PART No.	QTY
91-AY		BASE KIT	REH19D-150B	1
	91-1	BASE ASS'Y	REH19D-155-2	(1)
	91-2	PLASTIC GROMMET	CP-30415	(2)
	91-3	SCREW	ZEAD0510SC	(2)
	91.4	SCREW	ZEAB0408SB	(2)
	91-5	SCREW	CP-30413	(2)
	91.6	ANCHOR	CP-30414	(2)

FAN KIT REH19D-100 (OPTION)

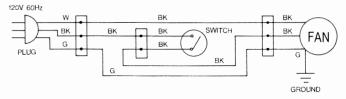
ASS'Y No.	KEY No.	PART NAME	PART No.	QTY
90-AY		FAN KIT	REH19D-100	1
	90.1	FAN UNIT	REH19D-101	(1)
	90-2	SCREW	ZEAC0408SC	(4)
	90-3	WALL MOUNTING BRACKET-UPPER	REH18-66	(2)
	90-4	SCREW	ZEAC0408SC	(4)
	90.5	WALL MOUNTING BRACKET-LOWER	REH18-67	(2)
	90-6	SCREW	ZEAC0408SC	(2)

"Caution: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation."

"Verify proper operation after servicing."

WIRING DIAGRAM

(for Optional Fan Kit No. REH19D-100)



If any of the original wire as supplied with the appliance must be replaced, it must be replaced with wire of at least a 194°F temperature rating and No. 18AWG wire or its equivalent.

ASS'Y No.	KEY No.	PART NAME	PART No.	OTY
58	58P	GAS INLET REGULATOR	REH18-152-P	1
	58N	GAS INLET REGULATOR	REH18-152-N	1
	59	NIPPLE A	REH18-139-1	1
	60	GAS INLET TUBE	REH19D-130	1
	61	NIPPLE C	REH18-139-3	1
	62	OUTLET TUBE A	REH15D-30	1
63	63-1	SIT CONTROL ASS'Y	REH18-151	1
	63-2	SCREW	ZAA0555SZ	2
	64	SNAP PIN	ZTC1.2SZ	1
65	65-1	CONTROL ADAPTER	REH300-227	1
	65-2	SCREW	ZEAA0310SZ	2
	66	CONTROL SHAFT	REH15D-23-2	1
	67	HIGH TENSION CORD	8581-82	1
	68	PIEZO WIRE ASS'Y	REH18-131-2	1
	69	IGNITER RETAINER	REH19D-126	1
70	70-1	EARTH CORD	REH18-132	1
	70-2	SCREW	ZEAB0408SZ	1
	71	SILICON TUBE	REH18-173	1
	72	IGNITER	REH18-155	1
	73	ROD HOLDER	CP-90347-9	1
80	80-1	SCREW	CP-30414	4
	80-2	CAULKING PLUG	CP-30413	4

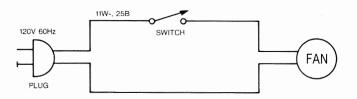
BASE KIT SO-001-0714

ASS'Y No.	KEY No.	PART NAME	PART No.	QTY
92-AY		BASE KIT		
	92.1	BASE	SO-001-0461	2
	92-2	SCREW	ZEAB0408SZ	8
	92.3	SCREW	ZEAB3.532SZ	2

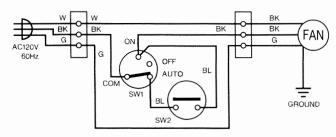
FAN KIT REH19D-200 (OPTION)

ASS'Y No.	KEY No.	PART NAME	PART No.	QTY
93-AY		FAN KIT	REH19D-200	1
93-1 90-2	93-1	FAN UNIT	REH19D-199	(1)
	90-2	SCREW	ZEAC0408SC	(4)
	90.3	WALL MOUNTING BRACKET-UPPER	REH18-66	(2)
90-4	90-4	SCREW	ZEAC0408SC	(4)
	90-5	WALL MOUNTING BRACKET-LOWER	REH18-67	(2)
	90-6	SCREW	ZEAC0408SC	(2)

(for Optional Fan Kit No. REH10-50)



(for Optional Fan Kit No. REH19D-200)



NAME TITLE
COMPANY
ADDRESS
CITY STATE ZIP
PHONE NUMBER

NO POSTAGE NECESSARY IF MAILED IN THE UNITED STATES

BUSINESS REPLY MAIL

FIRST CLASS NO. 118 PEACHTREE CITY, GA

Rinnai America Corp.

103 International Drive Peachtree City, Georgia 30269 Attn:Space Heater Registrar

		SP93-6	
		353-0	
RI	LIMITED WARRANTY NNAI SPACE HEATE	:RS	
LIMITED WARRANTY RINNAI SPACE HEATERS Rinai America Corporation warrants the products described in this warranty, including any parts and components thereof, to be free from any peticits in materials and workmanship for the period specified below, subject to the teams specified in this warranty. This warranty gives you pecific legal rights, and you may also have other rights which vary from state to state. This warranty extends to the original purchaser. MODEL PERIOD OF COVERAGE TYPE OF FAILURE COVERED GLO RAY REH 15DF, REH 15DFT FIVE YEARS FROM DEFECTIVE MATERIALS AND WORKMANSHIP TROPIC REH 20D, REH 20DT FOUR YEARS FROM DEFECTIVE MATERIALS AND WORKMANSHIP BANTAM REH 15, REH 15T THREE YEARS FROM DEFECTIVE MATERIALS BANTAM REH 15, REH 15T THREE YEARS FROM DEFECTIVE MATERIALS BOUNTOR REH 16, REH 10T DATE OF PURCHASE AND WORKMANSHIP BOUNTOR REH 16, REH 10T DATE OF PURCHASE AND WORKMANSHIP THEE YEARS FROM DEFECTIVE MATERIALS AND WORKMANSHIP BOUNTOR REH 16, REH 10T DATE OF PURCHASE AND WORKMANSHIP THEE YEARS FROM DEFECTIVE MATERIALS AND WORKMANSHIP BOUNTOR REH 16, REH 10T DATE OF PURCHASE AND WORKMANSHIP THEE YEARS FROM DEFECTIVE MATERIALS AND WORKMANSHIP THEE YEARS FROM DEFECTIVE MATERIALS AND WORKMANSHIP AND WORKMANSHIP THEE YEARS FROM DEFECTIVE MATERIALS AND WORKMANSHIP THE OP PURCHASE AND WORKMANSHIP T			
MODEL	PERIOD OF COVERAGE	TYPE OF FAILURE COVERED	
GLO-RAY REH-15DF, REH-15DFT GLO-RAY REH-23DF, REH-23DFT	FIVE YEARS FROM DATE OF PURCHASE	DEFECTIVE MATERIALS AND WORKMANSHIP	
TROPIC REH-20D, REH-20DT TROPIC REH-30D, REH-30DT	FOUR YEARS FROM DATE OF PURCHASE	DEFECTIVE MATERIALS AND WORKMANSHIP	
BANTAM REH-18, REH-18T BANTAM REH-25, REH-25T	THREE YEARS FROM DATE OF PURCHASE	DEFECTIVE MATERIALS AND WORKMANSHIP	
EQUATOR REH-6, REH-6T EQUATOR REH-10, REH-10T	THREE YEARS FROM DATE OF PURCHASE	DEFECTIVE MATERIALS AND WORKMANSHIP	
n the event of a malfunction, operational difficulty lefects in materials or workmanship, Rinnai will emedy will consist of repair or replacement of the obtain the benefits of warranty coverage by return authorized distributor. Any such warranty replaces of the original period of coverage. In order to ob- Riunai at the address shown on the back side of the	or failure of the product, or any parts or coll remedy the malfunction, operational difficing product (including payment of reasonable ning the product to a qualified Rinnai servicing ment or repair shall be subject to the terms of tain the uame and location of the qualified exarranty card, or call Rinnai at I-800-621-941	mponents, during the warranty term, resulting from alty, or failure without chage to the owner. The shipping costs), at the option of Rinnai. You may ng agent which has been qualified by Rinnai or its and conditions of this warranty for the remainder Rinnai servicing agent closent to you, pleasewrite 9.	
This warranty does not cover any failures, openisapplications, improper installation or improper i	erational difficulty, or malfunction due to maintenance or service, or from any other caus	accident, abuse, unisuse, alteration, Acts of God, e other than defects in materials and workmanship.	
Any implied warranties of merchantability and his express written warranty. Some states do no you. Rinnai is not liable for any special, in ncidential or consequential damages, so this limits	fitness applicable to the equipment are line allow limitations on how long an impliedirect or consequential damages; some station may not apply to you.	imited in duration to the period of coverage of d warranty lasts, so this limitation may not apply ites do not allow the exclusion or limitation of	
Rinnai does not authorize any person or compar ngineering, installation, use, removal, return,	ny to assume for it any other obligation or or replacement of its products, and no s be returned within two weeks of purchase to	liability in connection with the sale, application, such representations are binding on Rinnai The help Rinnai better serve you. However, the return	

EXTENDED WARRANTYS AVAILABLE SEE WARRANTY

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Rinnai SPACE HEATER WARRANTY REGISTRATION CARD

Owner's Name	
Installation Address	
City, State, Zip	
Dealer's Name	
Address	
City, State, Zip	
Type of Dealer	
Model	Type of Gas
Serial No.	
Date Purchased	

Rinnai

AMERICA CORPORATION

103 International Drive. Peachtree City, Georgia 30269 Phone:1-800-621-9419

Fax:1-888-474-6624

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